

In the Claims:

Please add new claims 43-47 and amend claim 22 without prejudice to the inclusion of the subject matter contained therein in any later filed divisional or continuation application, as set forth below.

Claims 1-21. (canceled)

22. (currently amended) A method of transferring a gene into a plant cell, said method comprising:

- (a) transforming a recipient plant cell or tissue by microprojectile bombardment with DNA directly isolated from a donor plant; and
- (b) selectively propagating a one or more transgenic plant plants from said transformed recipient plant cell or tissue obtained in step (a); and
- (c) selecting at least one transgenic plant from step (b), wherein said transgenic plant has a genome comprising a nucleic acid that corresponds to 0.01% to 10% of a nucleic acid genome of said donor plant.

23. (previously presented) The method of claim 22, wherein a selection construct is included at step (a).

24. (previously presented) The method of claim 22, wherein said DNA is genomic DNA.

25. (previously presented) The method of claim 24, wherein said DNA is a high molecular weight DNA fraction of genomic DNA, said high molecular weight DNA being obtainable by cesium chloride fractionation.

26. (original) The method of claim 22, wherein said donor plant and said recipient plant are members of different genera.

27. (original) The method of claim 22, wherein said donor plant and said recipient plant are members of different species.

28. (previously presented) The method of claim 22, wherein said donor plant and said recipient plant is a cereal, wherein said cereal is a crop-plant from which is obtainable an edible seed or grain.

29. (original) The method of claim 28, wherein said donor plant is of the species *Zizania palustris*.

30. (original) The method of claim 22, wherein said recipient plant is of the species *Oryza sativa*.

31. (canceled) A recipient plant cell or tissue transformed according to step (a) of claim 22.

32. (withdrawn) A transgenic plant the genome of which has at least 0.01% of a genome of a donor plant integrated therein.

33. (withdrawn) The transgenic plant of claim 32, wherein said genome has at least 0.1% of said donor plant genome integrated therein.

34. (withdrawn) The transgenic plant of claim 33, wherein said genome has at least 1.0% of said donor plant genome integrated therein.

35. (withdrawn) The transgenic plant of claim 34, wherein said genome has at least 10% of said donor plant genome integrated therein.

36. (withdrawn) A transgenic cereal plant according to claim 31.

37. (withdrawn) A transgenic *O. sativa* plant according to claim 31.

38. (withdrawn) A transgenic plant produced according to the method of claim 22.

39. (withdrawn) A transgenic plant according to claim 32, which transgenic plant has one or more phenotypic traits of said donor plant not normally present in said recipient plant.

40. (withdrawn) A fruit or grain obtained from the transgenic plant of claim 32.

41. (withdrawn) A seed obtained from the transgenic plant of claim 32.

42. (withdrawn) A progeny plant propagated from the transgenic plant of claim 32.

43. (new) The method of claim 22, wherein said transgenic plant of step (c) has a genome comprising a nucleic acid which corresponds to 0.1% to 10% of a nucleic acid genome of said donor plant.

44. (new) The method of claim 22, wherein said transgenic plant of step (c) has a genome comprising a nucleic acid which corresponds to 1% to 10% of a nucleic acid genome of said donor plant.

45. (new) The method of claim 22, wherein said transgenic plant of step (c) has a genome comprising a nucleic acid which corresponds to 1.7% to 6.7% of a nucleic acid genome of said donor plant.

46. (new) The method of claim 22, wherein said genome of said transgenic plant selected at step (c) comprises a plurality of genetic markers present in the genome of said donor plant, further wherein said genetic markers are not present in the genome of said recipient plant cell or tissue prior to step (a).

47. (new) The method of claim 46, further wherein said genetic markers are amplification fragment length polymorphism (AFLP) genetic markers.